

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-10-239  
Relating to Certification of New Motor Vehicle Engines

FORD MOTOR COMPANY

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Ford Motor Company 1983 model-year gasoline engines are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement Cubic Inches (Liters)</u>	<u>Exhaust Emission Control Systems (Special Features)</u>
4.9L "Q"	300 (4.9)	Air Injection - Pump
6.1L "E"	370 (6.1)	Exhaust Gas Recirculation
7.0L/7.5L "E"	429/460 (7.0/7.5)	

Engine Models and Codes as listed on attachments.

Section 43200, Part 5, Division 26 of the California Health and Safety Code requires that the engine manufacturer furnish a decal with each engine sold or delivered to a vehicle manufacturer. The decal shall display the applicable model year heavy-duty engine exhaust emission standards and the following certification emission values:

<u>Engine Family</u>	<u>Hydrocarbons gm/bhp-hr</u>	<u>Carbon Monoxide gm/bhp-hr</u>	<u>Hydrocarbons + Nitrogen Oxides gm/bhp-hr</u>
4.9L "Q"	-	10	5
6.1L "E"	0.9	17	5.3
7.0L/7.5L "E"	0.6	16	5.1

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BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 18<sup>th</sup> day of July, 1982.



K. D. Drachand, Chief  
Mobile Source Control Division

1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. A-10-239  
 Engine Family 4.9L "Q" CID(liters)-type 300 (4.9) - 16  
 Emission Control Systems AIP, EGR

Engine Model (Engine Code)	Ignition System	Fuel System	EGR Valve	Label Ident.
	CA, VA, VR, EI Part Number	1V Part Number	Part Number	
300-1V (9-77S-R10)	D9TE-12127- AEA	E2TE-9510- ZA	D8BE-9D475- FA	DCD

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. A-10-239  
 Engine Family 6.1L "E" CID(liters)-type 370 (6.1) - V8  
 Emission Control Systems AIP, EGR

Engine Model (Engine Code)	Ignition System CA, VA, EI Part Number	Fuel System Part Number	EGR Valve Part Number	Label Ident.
370 - 2V (9-83G-R12)	D9TE - 12127- AUA	E2TE-9510- AGA or NA (2V)	D8BE-9D475- BA	DCN
370 - 4V (9-83H-R14)		E2TE-9510-CMA or CNA (4V)	D8DE-9D475- CA	DCT

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1983 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET  
HEAVY-DUTY GASOLINE ENGINES

Manufacturer Ford Motor Company E.O. A-10-239  
Engine Family 7.0/7.5L "E" CID(liters)-type 429/460 (7.0/7.5) - V8  
Emission Control Systems AIP, EGR

Engine Model (Engine Code)	Ignition System CA, VA, VR, EI Part Number	Fuel System 4V Part Number	EGR Valve Part Number	Label Ident.
429 - 4V (9-87G-R11)	D9TE-12127-AVA	E2TE-9510- CSA or CTA	D8DE-9D475- CA	DCU
460 - 4V (3-98S-R00)	E3UE-12127-DA	E3TE-9510-SB (A/T) E3TE-9510-TB (M/T)	D8BE-9D475- BA or E0BE-9D475- EA	DEA

*Being Revised 7/1/80*  
*Don*  
*3/4/83*